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<h1>TRANSMITTAL FORM</h1> <p><i>(to be used for all correspondence after initial filing)</i></p>	Application Number	10/825,894
	Filing Date	April 15, 2004
	First Named Inventor	Zeng
	Group Art Unit	2171
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	MS1-1890US

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) Sheets <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Form 1449 & Copies of 17 Cited Non-Patent Reference Return Receipt Postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Brian G. Hart; 44,421
Signature	<i>Brian Hart</i>
Date	7/30/04

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: July 30, 2004			
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Serial No. ....10/825,894  
Filing Date ..... April 15, 2004  
Confirmation No..... 8978  
Inventorship ..... Zeng et al.  
Applicant ..... Microsoft Corporation  
Group Art Unit ..... 2171  
Examiner .....  
Attorney's Docket No. .... MS1-1890US  
Title: Related Term Suggestion for Multi-Sense Query

**INFORMATION DISCLOSURE STATEMENT**

*References -- See Attached Form PTO-1449*

**REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: 7/30/04

By: Brian G. Hart  
Brian G. Hart  
Reg. No. 44,421

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Substitute for form 1449B/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/825,894
		Filing Date	April 15, 2004
		First Named Inventor	Zeng
		Group Art Unit	2171
		Examiner Name	
		Attorney Docket Number	MS1-1890US
Sheet	1	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		CHAKRABARTI S. "Data Mining for Hypertext: A tutorial survey" SIGKDD Explorations vol 1 issue 2, January 2000, 11 pages	
		COHN et al.; "The Missing Link - A Probabilistic Model of Document Content and Hypertext Connectivity" Proceedings of Neural Information Processing Systems, 2001, 7 pages	
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		LIU et al.; "Clustering Through Decision Tree Construction" 9th International Conference on Information and Knowledge Management, 2000, 10 pages	
		KLEINBERG J. M.; "Authoritative Sources in a Hyperlinked Environment" Proceedings of the ACM-SIAM Symposium on Discrete Algorithms, 1998, 34 pages	
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		SU et al.; "Correlation-based Document Clustering using Web Logs" Proceedings of the 34th Hawaii International Conference on Sytem Sciences, 2001, 7 pages	
		TASKAR et al.; "Probabilistic Classification and Clustering in Relational Data" Proceedings of the 34th Hawaii International Conference on System Sciences. 2001. 7 pages	

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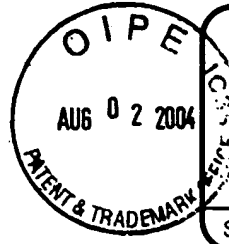
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		First Named Inventor	Zeng
		Group Art Unit	2171
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		Attorney Docket Number	MS1-1890US
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		UNGER et al.; "Clustering Methods for Collaborative Filtering" In Workshop on Recommendation System at the 15th National Conference on Artificial Intelligence, 1998, 16 pages	
		WEN et al.; "Query Clustering Using User Logs" ACM Transactions on Information Systems vol 20 no 1; January 2002, pages 59-81	
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		"Open Directory Project" <a href="http://dmoz.org/">http://dmoz.org/</a> Netscape 1998-2004 1 page	
		BERKHIN P.; "Survey of Clustering Data Mining Techniques" Accrue Software Inc.; 2002 pgs 1-56	
		YANG et al.; "A Comparative Study on Feature Selection in Text Categorization" Proceedings of the Fourteenth International Conference on Machine Learning, Morgan Kaufmann Publishers Inc., San Francisco 1997, Pages: 412 - 420	

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